



Fastest piece of Real Estate in Tennessee

2021 Ridge Runners

***** Be sure to read the General Rules and Flag Rules as they pertain to every division*****

RULE BOOK DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

The management of Veterans Motorplex

NOTICE: All equipment is subject to the approval of HRS officials. No equipment will be considered as having been approved by reason of having passed through the inspection process unobserved. Any equipment which does not conform to specifications or tolerances contained in this rulebook or in the appropriate Manuals, will not be eligible for approval. Veterans Motorplex reserves the right to adjust the rules such as use restrictor plates, adjust weight etc... when deemed necessary for equal competition purposes.

NOTE: All cars must comply with the rules set forth by the Veteran Motorplex rule book and reference manuals used in the inspection process. All cars and car parts are subject to VMP / HRS technical inspection processes. VMP/HRS is not required to follow any other sanctioning bodies or manufacturers guidelines in its inspection price

SECTION 1 - SAFETY:

Rules apply at all times car is on track.

All cars must compete and 'pass' the safety inspection process before on-track access is permitted.

- 1) Approved SA 2010 or NEWER HELMET REQUIRED.
- 2) Neck brace (or head and neck restraint) required.
- 3) SRI-approved full fire suit required.
- 4) Fire Retardant gloves are MANDATORY.
- 5) Roll bar padding required in driver compartment. Recommended: Fire Retardant padding.
- 6) Must have a minimum 2-pound fire extinguisher with a gauge and quick release mounted securely in a car within reach of a driver while belted in car. MUST be charged.
- 7) Driver's side window net required, ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window. No string nets.
- 8) Racing seat mandatory. MUST HAVE HEAD SUPPORT, either with seat or bolt on.
- 9) Minimum three inch wide SRI-approved FIVE POINT SYSTEM REQUIRED, must be mounted securely to main roll cage. SEAT BELTS CAN NOT BE OLDER THAN 3 YEARS.

Recommended:

Safety belts be no more than two years old.

- 10) Kill switch required within easy reach of driver and must be clearly marked 'OFF and ON'. Battery mounts must be approved. Must have emergency Cut-off/Kill switch.
- 11) No antifreeze in radiator. \$100.00 fine if caught using antifreeze.

SECTION 2 - BODY & INTERIOR:

- 1) Any front wheel drive car with a 4-cylinder engine. Absolutely stock only.
- 2) MUST have Chilton's/Haynes or Factory Service manual on your car for inspections.
- 3) Must remove all glass and interior. Must leave windshield or replace with LEXAN. No Plexiglass. Stock Windshield must have no Cracks.
- 4) MUST remove all headlights, taillights, hubcaps and loose trims from vehicle.
- 5) Battery must be moved to driver's compartment. Must be securely mounted in place and in approved container. MUST BE APPROVED.
- 6) Must remove hood latch and replace with two hood pins. Must remove trunk lock and replace with two hood pins.
- 7) All doors must be welded shut.
- 8) No Beefed up front Bumpers (IE: "Cow Catcher's"). Radiator guard bar permitted.
- 9) ROLL CAGE - Rear down bars allowed, 4 pt cage MUST BE INSTALLED, cage must extend from left door to right door. 3 Minimum door bars in driver's side Door.
- 10) Metal can be removed from car, Stock floor pan must remain unmodified and in stock location.
- 11) Dash board may be removed from car, but must leave all reinforcing metal behind dash intact.

- 12) No chains run through the floorboard.
- 13) Seatbelts must be mounted securely to main roll cage
- 14) One (1) inside mirror only: must be mounted in traditional rearview mirror location (center of car)
Wink mirrors and wide angle mirrors are permitted.
- 15) May remove heater core and air conditioner core but must cover hole with metal.
- 16) Aftermarket (Late Model Style) front nose piece is legal.

SECTION 3 - SUSPENSION:

- 1) All suspension parts must be stock and unaltered except for adjustable upper A arm and adjustable strut rod in rear allowed. Stock shocks only (make/model) no alterations and stock springs (may be cut or altered for height rating only).
- 2) No suspension travel limiting devices allowed including trick mounting of shocks.
- 3) MacPherson Strut Cars may modify strut holes (strut tower, or Knuckle to Strut mounting) to attain camber.
- 4) 1 Complete Spring Rubber Per Strut, 1 stock, Factory for car/make/model Bump Stop allowed per strut.
- 5) Minimum frame height 5 inches with the driver and frame may not be altered.
- 6) 4 Wheel Steer systems are prohibited. Must be unhooked or disabled.

SECTION 4 - TRANSMISSION:

- 1) Standard or automatic is allowed.
- 2) Clutch and flywheel must be stock and must not be lightened. NO DRILLING OR HOLES. NO CUTTING.
- 3) Non-Vtec cars only may run a lightweight flywheel factory lightened or aftermarket.

SECTION 5 - TIRES & WHEELS:

- 1) STOCK WHEELS - Unaltered stock steel or stock aluminum wheels allowed with 6" maximum width and factory offset. All 4 wheels must be the same size and backspace.
- 2) TIRE RULE - NO wider and a 205. 60, 65, or 70 series DOT tire. Othsu fb 0612/fb 7000 only.
- 3) Use of tire softening or altering agents are not permitted. Tire inspection and the use of standard lab testing procedures will be performed.

SECTION 6 - WEIGHT:

- 1) All cars must weight a minimum of 2,000 pounds with driver. 55% maximum left side weight.
- 2) Vtec Cars must weigh 2,100 lbs 2.2 liter and up vtec engines must weight 2,200 lbs.
- 3) Weight Shifting Devices: Absolutely NO weight shifting devices of any type.

- 4) Adjusting Weight: Track reserves the right to change or adjust weight, and add weight to any car
at any time to level the competition.
- 5) LEAD: No Tungsten or liquid weight.
- 6) All weight (lead) must be mounted inside the driver's compartment with a minimum of two 1/2" bolts. ALL LEAD MUST BE INSPECTED BY TECH OFFICIALS BEFORE CAR CAN GO OUT ON TRACK. (Initial Safety Inspection) ALL LEAD WILL BE PAINTED WHITE WITH CAR NUMBER ON ALL SIDES.

SECTION 7 - ENGINE:

- 1) Absolutely NO engine modifications. Engine must be stock for the MAKE of car it is in. (Honda-Honda, Ford-Ford, Nissan-Nissan, ETC.) NO R TYPE Engines.
- 2) MUST USE STOCK MOUNTS, NO CONVERSION MOUNTS or CUSTOM FABBED Mounts.
(if it does not bolt in using stock mounts it's not legal).
- 3) All air MUST pass through carburetor or throttle body.
- 4) Must run stock ECU. Non Vtec cars can run a chipped ECU.
- 5) Absolutely No Modifications to Engine except what rules allow.
- 6) Engine must be assembled as from factory.
- 7) Engines may have minor boring, head decking, or cutting to bearing surface on crank for stock
rebuild purposes only.
- 8) Engine may use a different cylinder head than what matches bottom end.
- 9) All internal parts in block MUST be same as Block (EX. B18A1 block must have B18A1 rods & pistons).
- 10) ARP Head/Rod Bolts are allowed.
- 11) Cylinder Head must be stock, including camshafts, for that cylinder head.
- 12) No Aftermarket Intake Manifold (IE: Skunk2)
- 13) Fuel Injected or carbureted. No turbo or superchargers.
- 14) Aftermarket air intake and filter is Legal.
- 15) Aftermarket exhaust header is Legal.
- 16) AMMENDED RULES - Pest Doctor Front Runner Division reserves the right to amend any rule or adjust rules to level the competition. This would include engine components, restrictor plates, rev limiters, etc.
- 17) ENGINE RULES IN PEST DOCTOR FRONT RUNNER DIVISION WILL BE CLOSELY MONITORED AND COULD BE AMMENDED.
- 18) 3 Wins in one season there will be a mandatory tear down.
- 19) Top 5 cars to tech after race.

SECTION 8 - MUFFLERS:

- 1) No straight manifold or exhaust headers. Must have Exhaust/Muffler/Pipe system and it must

muffle the sound to 99 dba or less at 100 ft. Subject to penalty/fine. NO SCHOENFELD SHORTIES.

- 2) Exhaust Length. Exhaust must extend past the driver. If exhaust exits to either side of the car the exhaust cannot create an obvious cutting hazard.
- 3) Muffler Installation. May rise or remove section of the floor pan on right side of car for clearance to install large style mufflers (ex. Brzezinski/Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.

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